CSCI 550: Theory of Computing

Abbreviated Syllabus for Fall Semester 2006
Visit http://www.ecst.csuchico.edu/~juliano/csci550 for additional detail.

Prerequisites
- MATH 317, Discrete Mathematical Structures
- Junior-level standing recommended

Description
3 units. An introduction to formal languages, grammars, and automata theory with unsolvable problems. Formerly CSCI 256.

Class # | Section | Act | Days | Time | Room | Instructors
--- | --- | --- | --- | --- | --- | ---
5003 | CSCI 550-01 | DIS | TR | 0930-1045am | LANG 104 | Dr. J Juliano@csuchico.edu

Instructor Information
Dr. Juliano (a.k.a. Dr. J)
http://www.ecst.csuchico.edu/~juliano

Office Hours: M 2-5pm and W 3-5pm
OCNL 222
Tel 530 898-4619 / 6442 (dept office)
Fax 530 898-5995
Appointments and walk-ins welcome.

Required Textbook
Introduction to Automata Theory, Languages, and Computation, 3/e
Addison Wesley, Boston, Massachusetts.
ISBN 0-321-46225-4

Additional Requirements
1. Students are expected to open and maintain a Chico State Connection (CSC) Portal (see http://portal.csuchico.edu) account in order to access up-to-date WebCT tools that include an online calendar of events, current scores, discussion board, etc.

2. Students will also be using JFLAP, the Java Formal Languages & Automata Package, developed by Dr. Rodger and her students at Duke University.

3. Students are expected to familiarize themselves with Dr. J's general policies and expectations as detailed online at /~juliano/Teaching/Policies.html

Grade Evaluation

<table>
<thead>
<tr>
<th>Theoretical Component (50%)</th>
<th>Practical Component (50%)</th>
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<tbody>
<tr>
<td>40%</td>
<td>100%</td>
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<tr>
<td>Midterm, Thurs, Oct 12, 9:30-10:45 am</td>
<td>In-class quizzes, written homework and laboratory (JFLAP) assignments</td>
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<tr>
<td>60%</td>
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<tr>
<td>Finals, Tue, Dec 12, 12:00-1:50 pm</td>
<td>Also see the on-line syllabus for details of final grade calculation.</td>
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Also see the on-line syllabus for details of final grade calculation.

Additional Information
http://www.ecst.csuchico.edu/~juliano/csci550/
http://www.ecst.csuchico.edu/~juliano/Computing/
http://portal.csuchico.edu/